Fig. 1

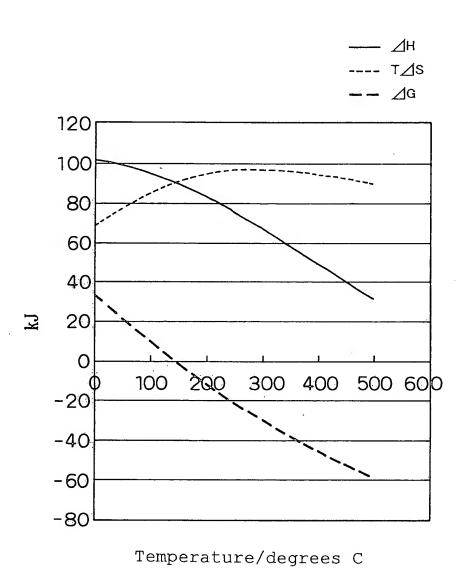
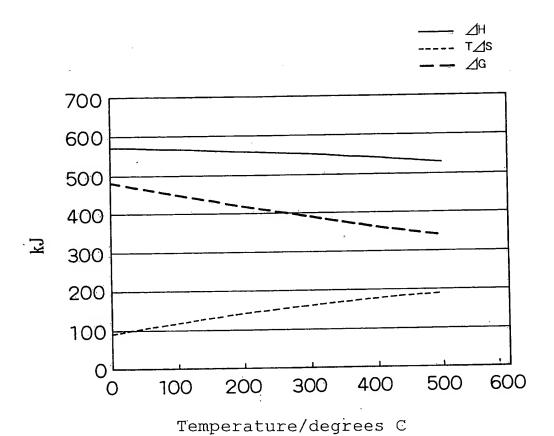
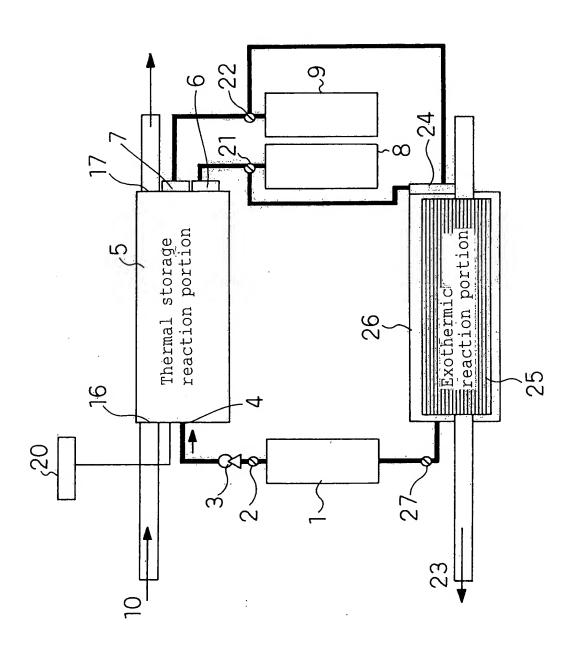


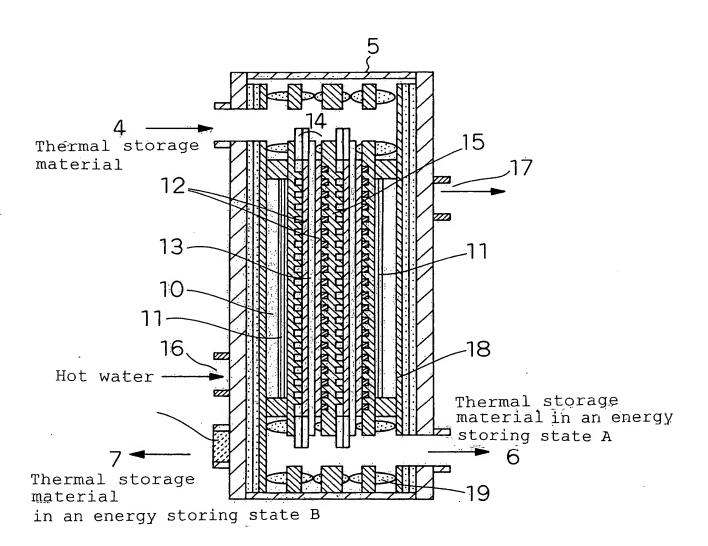
Fig. 2

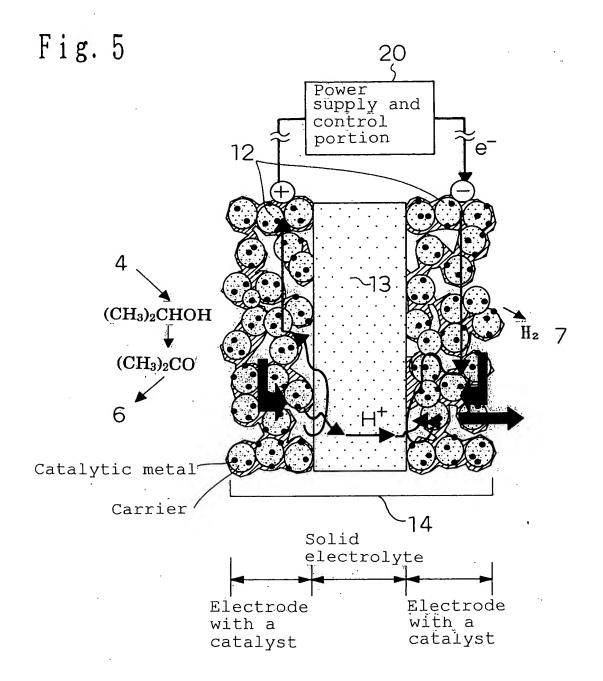




118

Fig. 4





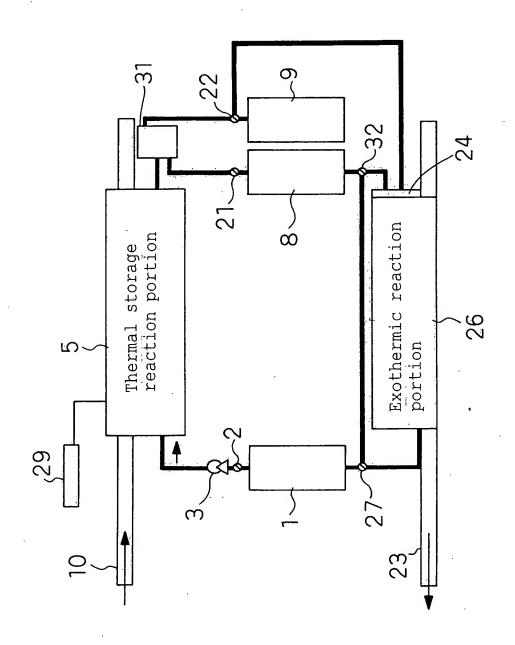
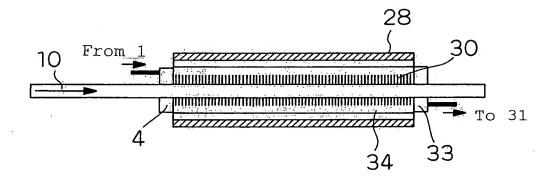
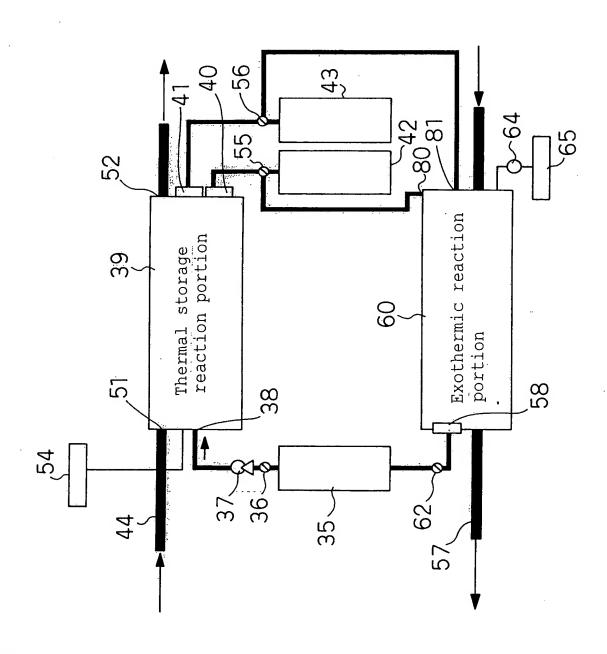


Fig. 7





F18.8

Fig. 9

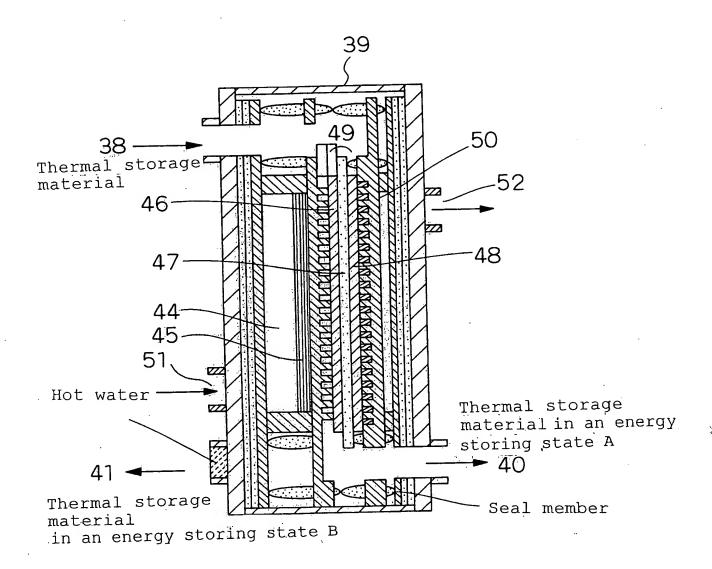


Fig. 10

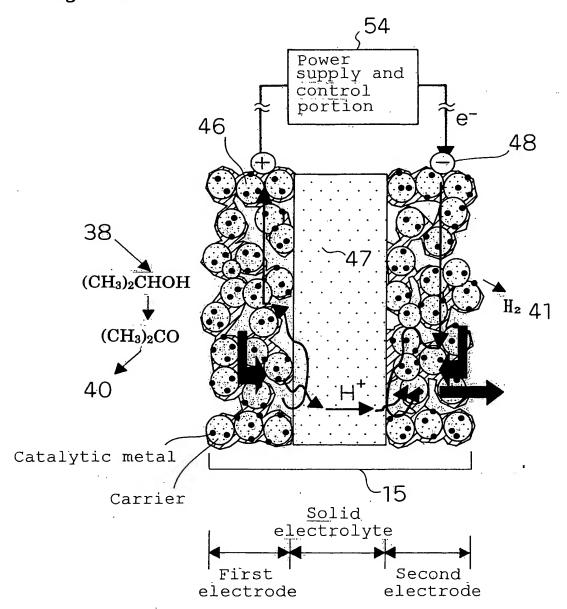
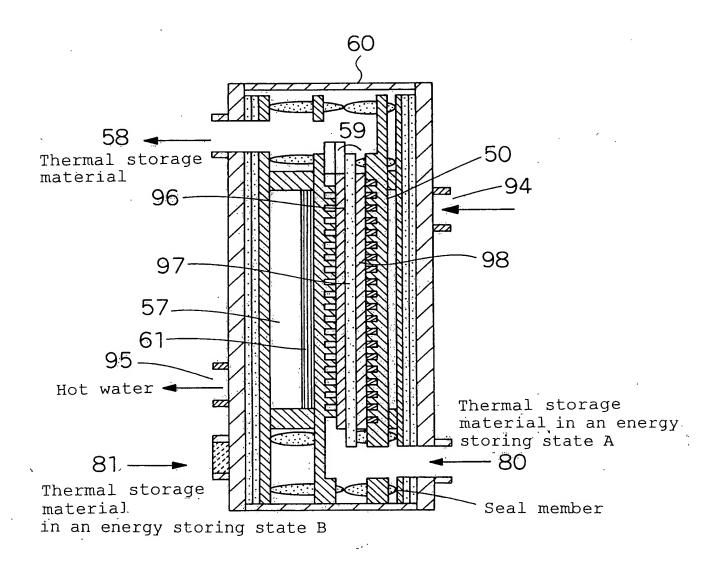
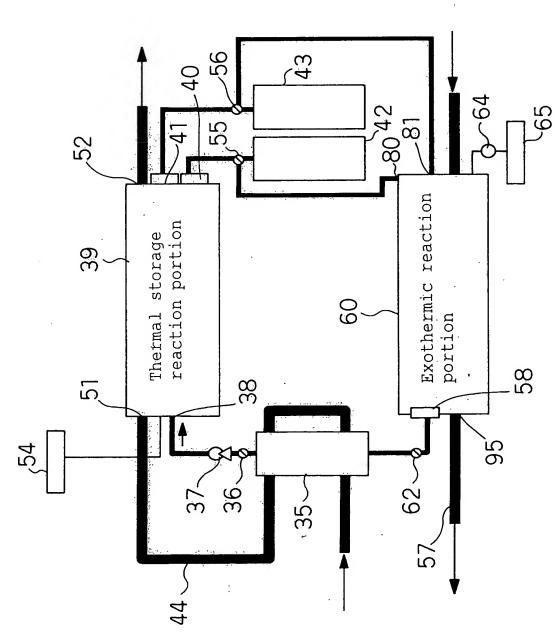


Fig. 11





F18.1

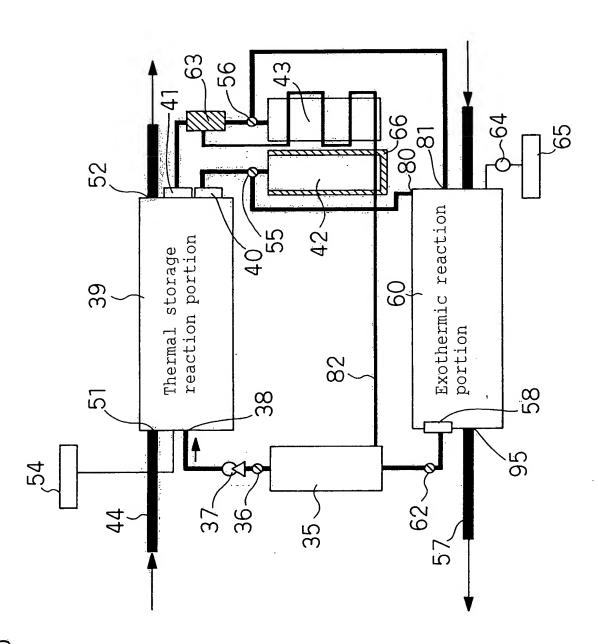


Fig. 13

Fig. 14 (A)

Thermal storage time

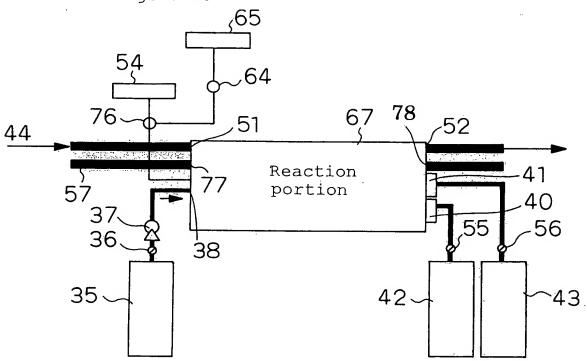


Fig. 14 (B)

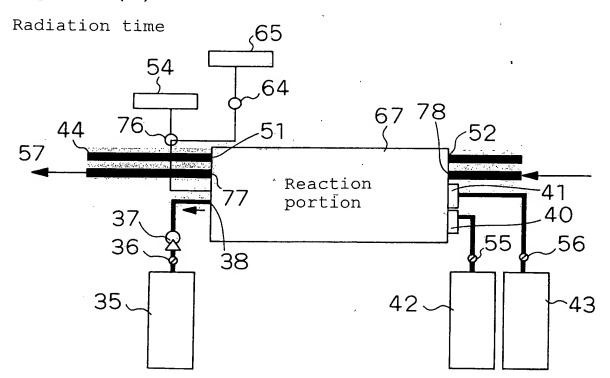
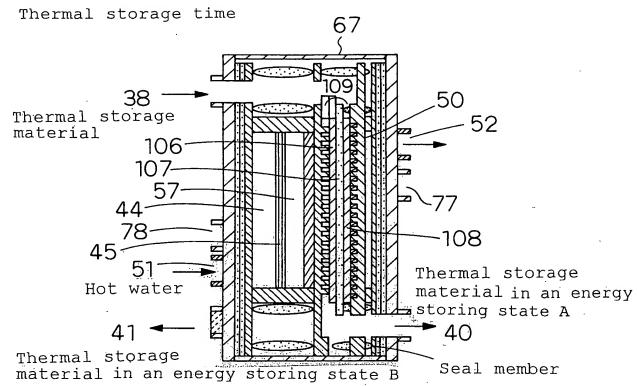
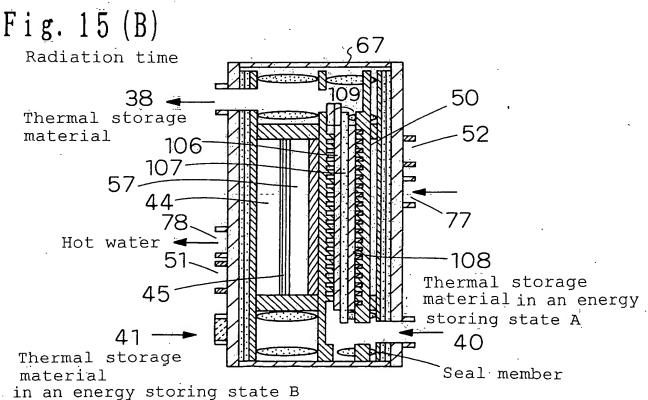
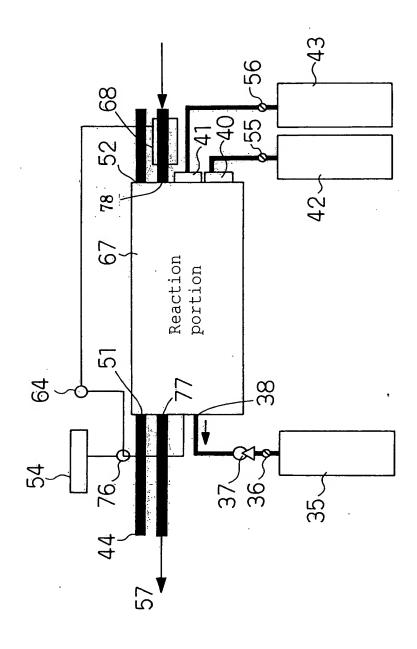


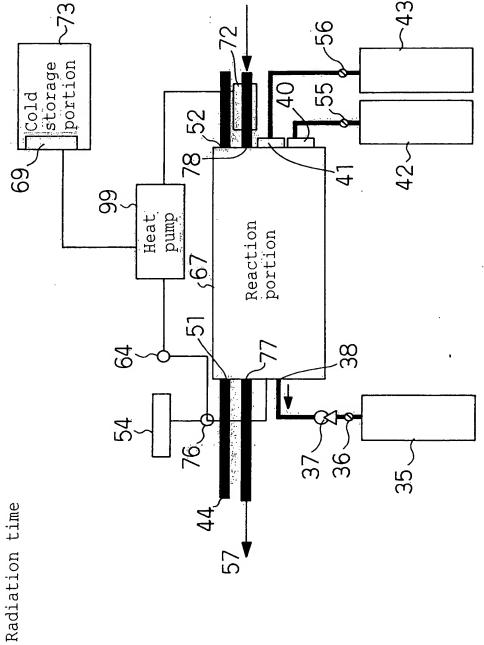
Fig. 15 (A)





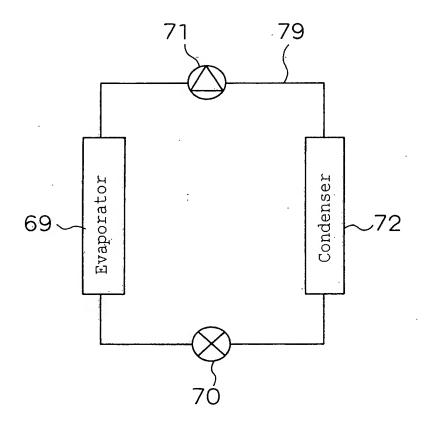


Radiation time



Fis. 17

Fig. 18



55 28 42~ 99 Heat pump Reaction portion 67 51 38 64 69 35

-56

Radiation time

